

V&V Reference Report

L2 ASCDS Version : 8.4.4

Observation 57610 - L2 Version 2
Chandra X-Ray Center

L2 Processing Date : May 21 2012

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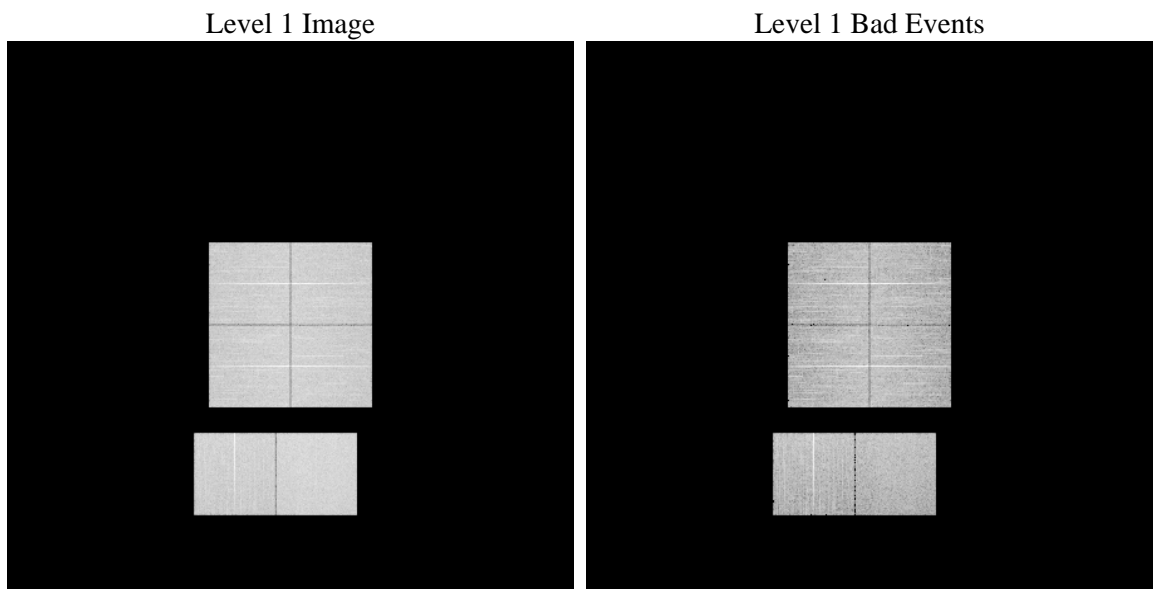
1 Front

seq_num	 	Sequence number
obs_id	57610	Observation id
title	ACIS-012367 diagnostics	Proposal title
observer	CHANDRA engineering request/realtime commanding	Principal investig
object	 	Source name
dtcycle	0	
cycle	P	events from which exps? Prim/Second/Both
ra_targ	0.0	Observer's specified target RA [deg]
dec_targ	0.0	Observer's specified target Dec [deg]
ra_nom	344.97684045853	Nominal RA [deg]
dec_nom	8.9780668238338	Nominal Dec [deg]
roll_nom	206.73460582401	Nominal Roll [deg]
revision	2	Processing version of data
ontime	7791.9999710321	Sum of GTIs [s]
livetime	7693.3329756198	Livetime [s]
ontime0	7791.9999710321	Sum of GTIs [s]
ontime1	7791.9999710321	Sum of GTIs [s]
ontime2	7791.9999710321	Sum of GTIs [s]
ontime3	7791.9999710321	Sum of GTIs [s]
ontime6	7791.9999710321	Sum of GTIs [s]
ontime7	7791.9999710321	Sum of GTIs [s]
l2events	528237	Number of level 2 events

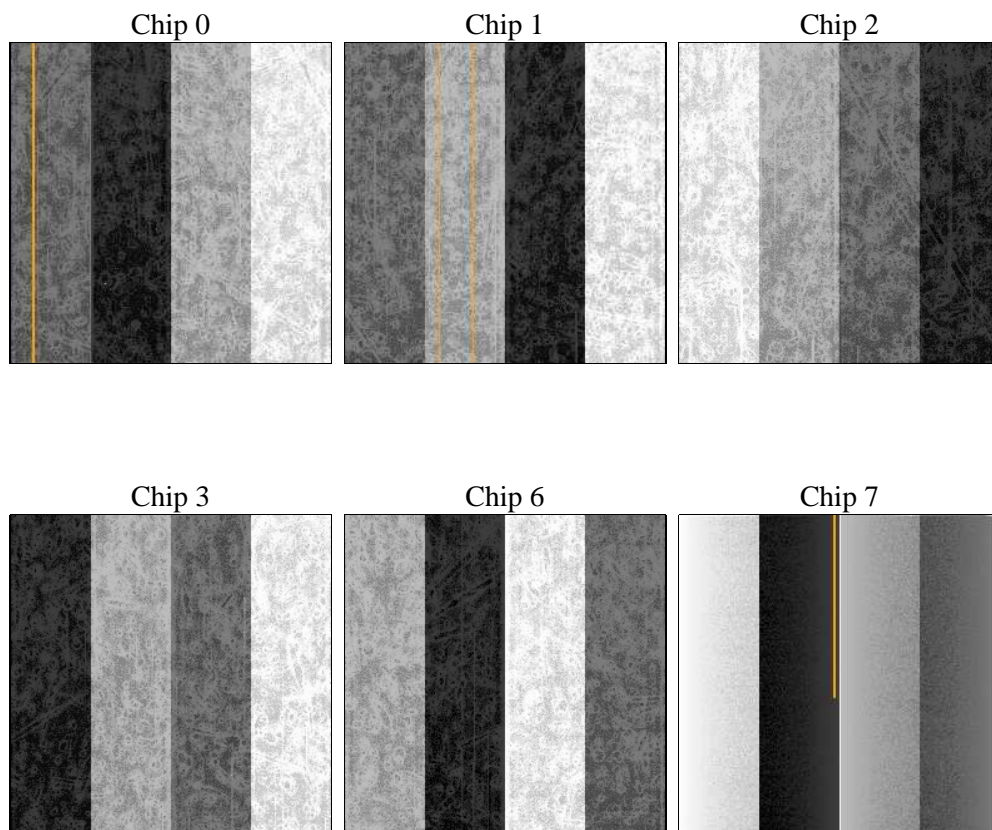
2 OBI

2.1 OBI

2.1.1 Images



2.1.2 Bias



2.1.3 Parameters

obi_num	0	Obi number	sched_exp_time	0.0	[s] Scheduled observation exposure time
ascdsver	8.4.4	Processing system revision	ontime	7791.9999710321	Sum of GTIs [s]
caldsver	4.4.9	 	ontime0	7791.9999710321	Sum of GTIs [s]
date	2012-05-21T09:33:11	Date and time of file creation	ontime1	7791.9999710321	Sum of GTIs [s]
revision	2	Processing version of data	ontime2	7791.9999710321	Sum of GTIs [s]
			ontime3	7791.9999710321	Sum of GTIs [s]
			ontime6	7791.9999710321	Sum of GTIs [s]
			ontime7	7791.9999710321	Sum of GTIs [s]
			l1events	965745	Number of level 1 events

2.1.4 Events

	ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7		ccd 0	ccd 1	ccd 2	ccd 3	ccd 6	ccd 7
level 1 events	153769	152102	158730	156928	159586	184630	grade 0 events	46001	45808	47671	47585	47325	23612
rejected events	67759	65588	71669	70030	69543	63216		29%	30%	30%	30%	29%	12%
rejected %	44%	43%	45%	44%	43%	34%	grade 1 events	324	262	343	367	327	167
								0%	0%	0%	0%	0%	0%
							grade 2 events	15455	16101	14971	15287	16107	26341
								10%	10%	9%	9%	10%	14%
							grade 3 events	5783	5750	5908	5885	5844	11602
								3%	3%	3%	3%	3%	6%
							grade 4 events	5761	5754	5968	5789	5941	11430
								3%	3%	3%	3%	3%	6%
							grade 5 events	3719	3948	3529	4156	4296	10600
								2%	2%	2%	2%	2%	5%
							grade 6 events	13010	13101	12543	12352	14826	48429
								8%	8%	7%	7%	9%	26%
							grade 7 events	63716	61378	67797	65507	64920	52449
								41%	40%	42%	41%	40%	28%

2.2 Compared Parameters

Parameter	Planned	Actual
Instrument	ACIS	ACIS
Detector	ACIS-012367	ACIS-012367
Grating	NONE	NONE
Data mode	FAINT	FAINT
Observation mode	SECONDARY	SECONDARY
[deg] Pointing RA	0	344.9768404585267
[deg] Pointing Dec	0	8.978066823833771
[deg] Pointing Roll	0.0	206.7346058240095
[mm] SIM focus pos	-1.429586	-0.7809083437167272
[mm] SIM defocus	0.1037507710433287	0.7524282956875696
[mm] SIM translation stage pos	250.455976	250.466033080201
[mm] SIM translation stage offset	0	-0.01005468664627074
[s] Observation start time (MET)	337662794.404431	337662793.37944
Observation start date	2008-09-13T03:13:14	2008-09-13T03:13:13
[s] Observation end time (MET)	337680809.805317	337680808.78032
Observation end date	2008-09-13T08:13:30	2008-09-13T08:13:28
Read mode	TIMED	TIMED

Parameter	Planned	Actual
Obspar format version number	7	7
Obspar file type	PREDICTED	ACTUAL
Obspar update status	NONE	UPDATED
Number of optional ACIS chips dropped	0	0
On-chip summing requested	N	N
Subarray requested	NONE	NONE
Alternating exposures requested	N	N
[s] Primary exposure time	3.2	3.2

2.3 Star Slots

2.4 FID Slots

A Summary

A.1 Status

V&V Scientist	Jen Lauer
V&V Date (YYYY-MM-DD)	2012.05.29
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	7.7919999710321

A.2 Comments